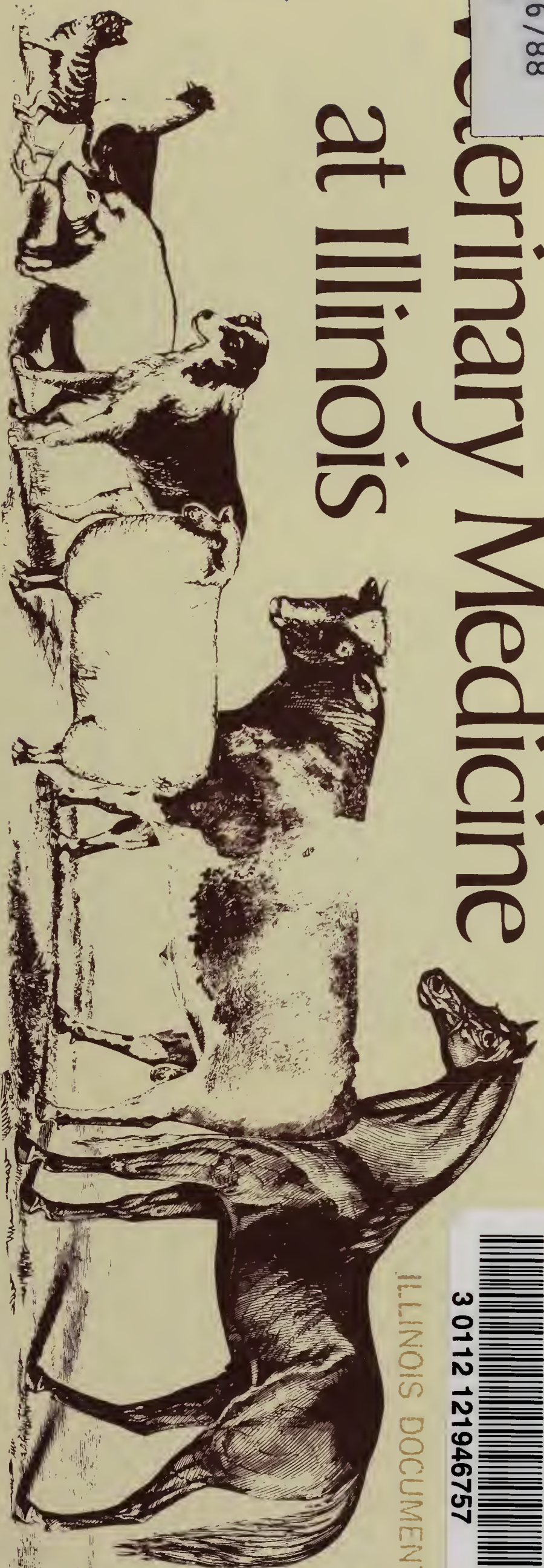


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Veterinary Medicine at Illinois



Applicant Information for 1986 to 1988 · University of Illinois at Urbana-Champaign

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American woodcuts taken from type specimen books dating prior to 1890

Education and Training

The College of Veterinary Medicine educates its students in medical disciplines involving animals. The four-year curriculum leads to the degree of Doctor of Veterinary Medicine and gives students a broad foundation in biological and physical sciences, as well as practical knowledge for applying these principles. The college also emphasizes the profession's obligation to society. Most veterinarians engage in specialized animal practice, while others are involved in public health activities. Still other veterinarians engage in teaching and research.

When formal education in veterinary medicine in the United States began in 1853, animals looked like those depicted above. Just as animals' shapes and sizes have changed and improved, so has education in veterinary medicine. As shown by the curriculum chart (reverse), students are instructed according to the latest advances in the field. The first two years of study are devoted to basic principles of veterinary medicine, and the last two consist of study of clinical subjects and work in the laboratory.

The college is affiliated with the Agricultural Experiment Station and the Cooperative Extension Service and is a component of the Graduate College. It cooperates with the state Departments of Agriculture, Public Health, Conservation, and the State Natural History Survey on various projects.

Preprofessional Requirements

High school students interested in pursuing a career in veterinary medicine should complete courses in biology, chemistry, physics, and mathematics (through trigonometry) along with other courses required for graduation from high school. Since admission requirements to preprofessional programs vary from college to college, high school students are urged to consult admission brochures of collegiate institutions that they are considering.

The *undergraduate preprofessional program* must include a minimum 60 semester hours (90 quarter hours) of college-level courses, as specified below, and must be completed at accredited colleges or universities. The courses in biology, chemistry, and physics are to be equivalent in content to those recommended for students majoring in biological sciences. It is strongly recommended that the science courses be taken on a graded basis.

Biological sciences: Two semesters (8 semester hours) or the equivalent of college-level course work in biological sciences with appropriate laboratory experience. These courses should emphasize the cellular, molecular, and genetic aspects, as well as the structure and function, of living organisms.

Chemistry: Four semesters (16 semester hours) or the equivalent of college-level course work in chemistry, including courses

in organic chemistry and biochemistry. Laboratory work and familiarity with quantitative techniques are important aspects of this experience. To be acceptable, the biochemistry course must be 3 semester hours or 4 quarter hours and should have organic chemistry as a prerequisite.

Physics: Two semesters (8 semester hours) or the equivalent of college-level course work in physics with appropriate laboratory experience. These courses should include heat, light, sound, electricity, and mechanics.

Genetics: One semester (3 semester hours) or the equivalent of college-level course work in genetics.

Animal science: One semester (3 semester hours) or the equivalent of college-level course work in surveying the livestock and poultry industries with emphasis on the breeding, selection, feeding, and management of food animals. (For successful applicants who take their preprofessional course work at an institution where an acceptable animal science course is not available, this requirement may be satisfied at the University during the summer session prior to enrollment in the College of Veterinary Medicine.)

English: One semester (3 semester hours) or the equivalent of college-level course work in English composition.

Humanities and social sciences: Four semesters (12 semester hours) or the equivalent of college-level course work in the humanities and/or social sciences.

Electives: Optional courses (7 semester hours).

Preprofessional course requirements can be completed at most collegiate institutions. Students wishing to complete preprofessional requirements on the Urbana-Champaign campus of the University of Illinois may do so within a variety of curricula in either the College of Agriculture or the College of Liberal Arts and Sciences. Information regarding admission requirements to preprofessional programs offered on the Urbana-Champaign campus may be obtained by writing the Office of Admissions and Records, University of Illinois at Urbana-Champaign, 10 Administration Building, 506 South Wright Street, Urbana, IL 61801.

The Committee on Admissions of the College of Veterinary Medicine will consider an application only if the applicant presents a minimum cumulative grade-point average of 3.5 (3.0 = C) at the end of the fall term preceding the desired date of admission. The applicant must also complete the 60 semester hours of preprofessional course requirements by the date of desired admission.

Application Procedure

Application materials for the professional curriculum are available from the Office of

Admissions and Records, University of Illinois at Urbana-Champaign, 10 Administration Building, 506 South Wright Street, Urbana, IL 61801, between September 1 and January 15. No application materials will be mailed after January 1. (New students will enter the College of Veterinary Medicine in the fall only.)

All items submitted by the applicant (application form, fee, self-evaluation form, courses in progress form) must be received in the Office of Admissions and Records by 5:00 p.m., January 15. All required supporting credentials such as transcripts, letters of evaluation, and Veterinary Aptitude Test results must be received by 5:00 p.m., February 1 for the application to be complete and the applicant considered for admission. Final grades for the fall term prior to enrollment must be on the transcript submitted for the February 3 credential deadline or consideration will be terminated. The application must be accompanied by a nonrefundable application fee of \$20, which is used to partially cover the cost of processing the application for presentation to the Committee on Admissions.

Requests for additional information should be directed to the Office of Admissions and Records. You may write to the above address or visit the office at 177 Administration Building from 8:30 a.m. to noon and 1:00 to 4:30 p.m., Monday through Friday. Appointments are recommended. You may also call at these times by dialing direct (217) 333-0302.

Admission Data

Completion of the minimum academic requirements *does not guarantee* admission to the professional curriculum. Because of limited facilities and the amount of support available to the College of Veterinary Medicine, the number of students who enter the professional curriculum each year must be restricted. Recently there have been approximately three or four qualified applicants for each place available in the entering class. The mean grade-point average of the applicants selected has been slightly above 4.50 (A = 5.00), and the mean number of preprofessional hours completed has been near 120. This level of competition is expected to continue. Most applicants who are admitted have a considerable amount of experience with and exposure to animals and the veterinary profession, as well as records of strong participation in community and extracurricular activities.

Selection Criteria

(Subject to Change)

Because of the size and quality of the applicant pool, only a few highly qualified appli-



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cants have been admitted with the minimum of 60 semester hours in recent years. Therefore, students who have completed the minimum requirements but have not been admitted to the College of Veterinary Medicine are urged to structure their programs to qualify for a bachelor's degree in their area of study within the normal four-year period.

In addition to submitting transcripts of all collegiate work attempted, applicants must also provide official scores of their performance on the Veterinary Aptitude Test. These scores will be sent to the Office of Admissions and Records from the private organization (The Psychological Corporation, 304 East 45th Street, New York, NY 10017) administering the examination. The examination is offered at various nationwide locations during the late fall and winter of each year. Information on arranging to take the examination is available in the application packet for the College of Veterinary Medicine.

Three letters of evaluation are required from persons who can evaluate the applicant's experience and ability relating to professional and scientific study. Two letters should be from college instructors or academic advisers. A letter from a practicing veterinarian is highly desirable. Students who are currently enrolled in graduate school must accompany their applications with a letter from their graduate adviser delineating their current status in graduate school and the likely completion date of the graduate program.

Applicants are expected to demonstrate potential for contribution to and advancement of the profession. An interview may be required by the committee as a means of supplementing information obtained from the materials submitted.

In considering applications for admission, first preference is given to applicants who are residents of Illinois and do not claim residency in another state. Second preference is given to a limited number of nonresidents with superior qualifications. Priority will be given to applicants from states that have no veterinary college. Opportunities for admission of foreign students are virtually nonexistent.

The professional program of the College of Veterinary Medicine is accessible to qualified persons, and such persons will not be denied admission on the basis of handicap. A qualified person is one who meets the academic and technical standards requisite to admission and participation in the educational program of the college. During their course of study, students, while under the supervision of licensed veterinary practitioners, treat animal patients. Such clinical duties may not be waived as they are an essential part of the educational program. The technical standards of the college (as well as the veterinary medical profession) require that the safety of both animal patients and veterinary students be protected. The student shall not cause a health or safety hazard to the animal patients or to other persons.

Point-Ranking System

(Subject to Change)

Applicants are currently ranked on the basis of a 100-point scale, with allocation of points distributed among the following criteria:

Objective Measures of Academic Performance:

Seventy points — from grade-point averages determined from official college transcripts and from Veterinary Aptitude Test (VAT) results. The cumulative grade-point, science grade-point, and total number of graded science hours completed, in addition to the score earned on the VAT, will most likely be used to allocate these points. (If the VAT test is taken more than once, the highest of the most recent two test scores will be used. The VAT test score must be for a test taken during the current or preceding year's application period.) A limit on total hours may be imposed in the graded science category.

Subjective Measures — Personal:

Thirty points — allocated by College Admission Advisory Committee on the basis of information submitted with the application and letters of evaluation indicating the applicant's knowledge of, motivation toward, and experience with the veterinary profession; evidence of leadership, initiative, and re-

sponsibility, animal contact and experience; extracurricular factors influencing personal growth.

Bonus Points:

Up to eight bonus points may be given to applicants for ancillary factors that have influenced academic performance: consistently heavy course loads; quality of course or course sequences; and significant academic improvement in grades following a "poor start." Bonus points are recalculated each year for applicants who reapply.

Graduation Requirements

Students who have fulfilled their general education course requirements, passed all courses in the first two years of the veterinary medicine curriculum, and have a cumulative grade-point average of 3.0 (A = 5.0) or better in these courses are eligible for the degree of Bachelor of Science in Veterinary Medicine. Students who have passed all courses prescribed in the four-year veterinary medicine curriculum and who have a cumulative grade-point average of 3.0 (A = 5.0) or better in these courses are eligible for the degree of Doctor of Veterinary Medicine (D.V.M.).

Tuition and Fees

(Subject to Change)

Estimated expenses for the 1985-86 academic year are listed below for unmarried students in the College of Veterinary Medicine at Urbana-Champaign. These are estimates only and are subject to change without further notice.

| | |
|--|---------|
| Tuition for Illinois residents | \$3,216 |
| (nonresidents' tuition is \$9,648) | |
| Fees | 530 |
| Books and supplies | 400 |
| Room and board | 3,100 |
| (double occupancy for nine months) | |
| Miscellaneous | 1,021 |
| (clothing maintenance, recreation, limited travel) | |
| Total, two semesters | \$8,267 |

Each entering first-year veterinary student must provide a microscope for his or her own classroom use before the semester begins. Minimum specifications for these microscopes are established by the college and will be provided the student upon notification of admission. This represents a recoverable investment of \$850 or more.

Financial Aid

Financial aid for students in the College of Veterinary Medicine is based on demonstrated need. There are a variety of federal and state of Illinois grant and loan programs. Specific information on them can be obtained from the Office of Student Financial Aids, University of Illinois at Urbana-Champaign, 420 Fred H. Turner Student Services Building, 610 East John Street, Champaign, IL 61820, (217) 333-0100.

A limited number of scholarships are available exclusively to students in veterinary medicine. Information about these scholarships may be obtained directly from the College of Veterinary Medicine.

Housing

University housing regulations do not apply to students in the professional College of Veterinary Medicine. However, students do have the option of applying for accommodations within the University residence hall system. A limited number of University-owned apartments are available to married students. For the most part, however, married students must rely on the local community to meet their housing needs. Assistance in finding suitable housing is available from the Housing Information Office, University of Illinois at Urbana-Champaign, 2 Fred H. Turner Student Services Building, 610 East John Street, Champaign, IL 61820, (217) 333-1420.

Curriculum

(Subject to Change)

First Year

First Semester

- AN. S. 325 — Principles of Animal Nutrition
- V.B. 300 — Gross Anatomy
- V.B. 301 — Microscopic Anatomy
- V.P. 330 — Veterinary Medical History, Ethics, and Orientation
- V.P. 331 — Veterinary Bacteriology and Mycology
- Total — 18 credit hours

Second Semester

- V.B. 302 — Gross Anatomy
- V.B. 305 — Developmental Anatomy
- V.B. 315 — Physiology I
- V.C.M. 378 — Veterinary Clinical Orientation
- V.P. 332 — Veterinary Microbiology and Immunology
- Electives
- Total — 17-18 credit hours

Second Year

First Semester

- V.B. 316 — Physiology II
- V.B. 317 — Physiology/Pharmacology Laboratory
- V.B. 318 — Pharmacology I
- V.C.M. 372 — Veterinary Jurisprudence
- V.P. 333 — Protozoan, Arthropod, and Helminth Parasites
- V.P. 334 — General Pathology
- V.P. 350 — Epidemiology
- Electives
- Total — 19-20 credit hours

Second Semester

- V.B. 319 — Pharmacology II
- V.C.M. 360 — Medicine I, General Medicine
- V.P. 335 — Special Pathology
- V.P. 338 — Veterinary Clinical Pathology
- V.P. 341 — Food Hygiene and Public Health
- Electives
- Total — 20-21 credit hours

Third Year

First Semester

- V.B. 304 — Applied Anatomy
- V.C.M. 361 — General Veterinary Surgery
- V.C.M. 362 — Clinical and Laboratory Practice
- V.C.M. 364 — Medicine II, General Medicine
- V.C.M. 375 — Theriogenology
- V.C.M. 376 — Veterinary Anesthesiology and Fluid Therapy
- V.P. 343 — Diseases of Poultry
- Total — 20 credit hours

Second Semester

- V.B. 320 — Toxicology
- V.B. 324 — Large Animal Nutrition and/or
- V.B. 326 — Small Animal Nutrition
- V.C.M. 365 — Special Veterinary Surgery
- V.C.M. 366 — Clinical and Laboratory Practice
- V.C.M. 367 — Radiology and Radiobiology
- V.C.M. 368 — Infectious Diseases and Preventive Medicine
- Total — 18-20 credit hours

Fourth Year

Unit I (30 weeks)

- V.C.M. 369 — Clinical and Laboratory Practice
- Electives

Unit II (9 weeks)

- V.C.M. 369 — Clinical and Laboratory Practice
- Electives
- Total — 35-40 credit hours (both units)

The policy of the University of Illinois is to comply fully with applicable federal and state nondiscrimination and equal opportunity laws, orders, and regulations. The University of Illinois will not discriminate in its programs and activities against any person because of race, color, national origin, religion, age, sex, marital status, ancestry, handicap, unfavorable discharge from the military, or status as a disabled veteran or veteran of the Vietnam era. This nondiscrimination policy applies to admissions, employment, and access to and treatment in University programs and activities.

For additional information on the equal opportunity and affirmative action policies of the University, please contact on the Urbana-Champaign campus, William A. Savage, assistant chancellor and director of affirmative action, Swanlund Administration Building, 601 East John Street, Champaign, IL 61820, (217) 333-0574.

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